

# List of All Chemicals

## P Acacia melanoxylon (Fabaceae)

Common name(s)

Blackwood

How used

GRAS

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
2,6-DIMETHOXY-1,4-BENZOQUINONE	Plant	--	--		*
2-METHYL-6-METHOXY-FURANOBENZOQUINONE	Plant	--	--		*
6-METHOXY-2-METHYL-3,5-DIHYDROBENZOFURANO-4,7-DIONE	Plant	--	--		*
ACAMELIN	Plant	--	--		*
<b>Activities (1)</b>					
Allergenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
ACETIC-ACID	Plant	--	--		*
<b>Activities (16)</b>					
Acidulant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Antibacterial 5,000 ppm					
Antitotic	Martindale's 28th				
Antisalmonella					
Antivaginitic 1-2%					
Expectorant	Martindale's 28th				
Fungicide	Martindale's 29th				
Keratitogenic					
Mucolytic	Martindale's 29th				
Osteolytic					
Perfumery FEMA 6,000-40,000 ppm	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry				
Pesticide					
Protisticide	Martindale's 29th				
Spermicide	Martindale's 28th				
Ulcerogenic	HerbalGram No. 20, page 9.				
Verrucolytic					
ANTHOCYANIDINS	Plant	--	--		*
<b>Activities (10)</b>					
Antidysmenorrheic 20-40 mg 3 x day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.				
Antioxidant					
Antiperiodontal	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).				
Antiplaque	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).				
Collagenase-Inhibitor					
Collagenic					
Metal-Chelator					
Myorelaxant 20-40 mg 3 x day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.				
Ornithine-Decarboxylase-Inhibitor					
Prooxidant					
CELLULOSE	Plant	--	--		*
<b>Activities (1)</b>					
Hemostat	Martindale's 29th				

FAT	Seed	--	76000.0	-1.0	*
FLAVAN-3,4-DIOL	Plant	--	--		*
GIBBERELLIC-ACID	Plant	--	--		*
HYPEROSIDE	Plant	--	--		*

#### Activities (30)

Aldose-Reductase-Inhibitor	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Analgesic					
Antiaging					
Antibacterial MIC=250-500 ug/ml	Planta Medica, 57: A43, 1991.				
Anticancer					
Anticapillary-Fragility	Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp.				
Antidermatitic					
Antielastase IC50=0.15 ug/ml					
Antiflu	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.				
Antihepatotoxic	Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp.				
Antiinflammatory 1/4 indomethacin	Planta Medica, 57: A131, 1991.				
Antiischemic					
Antinociceptive					
Antioxidant IC50=4.6 uM					
Antiradicular					
Antitussive					
Antiviral					
Antiwinkle					
Calcium-Antagonist					
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
Capillarifortificant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Capillarigenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Cyclooxygenase-Activator 100 uM	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.				
Diuretic					
Hepatoprotective IC80=30 ug/ml	Mayumi Ito (nee Someya), et al. 1990. Hepatoprotective Compounds from <i>Canarium album</i> and <i>Euphorbia nematocypha</i> . Chem. Pharm. Bull. 38(8): 2201-2203, 1990.				
Hypotensive ivn dog					
Pesticide					
Tissue-Thromboplastin-Inhibitor IC50=20.8 uM					
Xanthine-Oxidase-Inhibitor					
cAMP-Inhibitor IC50=0.14 mg/ml	Schussler, M., Fricke, U., Nikolov, N., and Holzl, J. 1991. Comparison of the Flavonoids Occurring in <i>Crataegus</i> species and Inhibition of 3',5'-Cyclic Adenosine Monophosphate Phosphodiesterase. Plant Medica 57: Suppl Issue 2. p.A-133.				

#### LEUCOANTHOCYANINS

Plant -- -- \*

#### METHANOL

Plant -- -- \*

#### Activities (2)

AntiHIV EC50=<20 ug/ml

Antidote #NAME?

Martindale's 29th

#### PHLOBAPHENE

Plant -- -- \*

#### PROTEIN

Seed -- 394000.0 1.43 \*

#### SPINASTEROL

Wood -- -- \*

#### STIGMASTER-7,22-DIEN-3BETA-OL

Wood -- -- \*

#### TANNIN

Plant -- -- \*

#### Activities (35)

Anthelmintic

AntiHIV

Antibacterial

Anticancer

Anticariogenic

Antidysenteric	
Antihepatotoxic	
Antihypertensive	
Antilipolytic	
Antimutagenic	
Antinephritic	Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. <i>Chem. Pharm. Bull.</i> 38(4): 1049-1052, 1990.
Antioleophilic	Economic & Medicinal Plant Research, 5: 363.
Antioxidant IC50=1.44 ug/ml	
Antioxidant 1/3 quercetin	
Antiradicular 500 mg/kg/day orl mus	Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. <i>Chem. Pharm. Bull.</i> 38(4): 1049-1052, 1990.
Antiradicular 1/3 quercetin	
Antirenitic	Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. <i>Chem. Pharm. Bull.</i> 38(4): 1049-1052, 1990.
Antitumor	
Antitumor-Promoter	
Antiulcer	
Antiviral	
Cancer-Preventive	HerbalGram No. 22 - Spring 1990, page 14.
Carcinogenic	
Chelator	
Cyclooxygenase- Inhibitor	
Glucosyl- Transferase-Inhibitor	
Hepatoprotective	
Immunosuppressant	
Lipoxygenase- Inhibitor	
MAO-Inhibitor	
Ornithine- Decarboxylase- Inhibitor	
Pesticide	
Psychotropic	Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. <i>Chem. Pharm. Bull.</i> 38(4): 1049-1052, 1990.
Xanthine-Oxidase- Inhibitor	